

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/722,555
Source: IFW/O
Date Processed by STIC: 11-29-04

ENTERED

**CRF Errors Edited by the STIC Systems
Branch**

Serial Number: 10/722,555

CRF Edit Date: 11/29/04
Edited by: KL

☐ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

☐ Corrected the SEQ ID NO. Sequence numbers edited were:

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

☒ Deleted: ☒ invalid beginning/end-of-file text ; _____ page numbers

☐ Inserted mandatory headings/numeric identifiers, specifically:

☐ Moved responses to same line as heading/numeric identifier, specifically:

☒ Other:

deleted duplicate <110> numeric
identifiers. Also inserted
indentation for seq ID #139



IFWO

RAW SEQUENCE LISTING

DATE: 11/29/2004

PATENT APPLICATION: US/10/722,555

TIME: 13:01:07

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\11292004\J722555.raw

3 <110> APPLICANT: ROMOND, Pierre-Charles
 4 RENAUD, Michel
 5 ALRIC, Monique
 6 MEINIEL, Olivier
 7 BALLUT, Lionel
 9 <120> TITLE OF INVENTION: METHOD FOR DETECTING MICRO-ORGANISMS
 11 <130> FILE REFERENCE: 344 292 - US
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/722,555
 C--> 13 <141> CURRENT FILING DATE: 2003-11-28
 13 <150> PRIOR APPLICATION NUMBER: PCT/FR 01/02 371
 14 <151> PRIOR FILING DATE: 2001-07-20
 16 <150> PRIOR APPLICATION NUMBER: FR 00/09 600
 17 <151> PRIOR FILING DATE: 2000-07-21
 19 <150> PRIOR APPLICATION NUMBER: FR 00/12 524
 20 <151> PRIOR FILING DATE: 2000-10-02
 22 <160> NUMBER OF SEQ ID NOS: 189
 24 <170> SOFTWARE: PatentIn Ver. 2.1
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 26
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Artificial sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Description of artificial sequence: Primer
 33 for detecting the amplification of the intergenic
 34 region of the rpoBC operon of micro-organisms
 36 <220> FEATURE:
 37 <221> NAME/KEY: misc_feature
 38 <222> LOCATION: (3)
 39 <223> OTHER INFORMATION: n = a, g, c or t
 41 <220> FEATURE:
 42 <221> NAME/KEY: misc_feature
 43 <222> LOCATION: (12)
 44 <223> OTHER INFORMATION: n = a, g, c or t
 46 <220> FEATURE:
 47 <221> NAME/KEY: misc_feature
 48 <222> LOCATION: (15)
 49 <223> OTHER INFORMATION: n = a, g, c or t
 51 <220> FEATURE:
 52 <221> NAME/KEY: misc_feature
 53 <222> LOCATION: (18)
 54 <223> OTHER INFORMATION: n = a, g, c or t
 56 <220> FEATURE:
 57 <221> NAME/KEY: misc_feature

(pg. 6-7)

RAW SEQUENCE LISTING

DATE: 11/29/2004

PATENT APPLICATION: US/10/722,555

TIME: 13:01:07

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\11292004\J722555.raw

58 <222> LOCATION: (21)

59 <223> OTHER INFORMATION: n = a, g, c or t

61 <400> SEQUENCE: 1

W--> 62 ggngayaary tngcnggnag ncaygg

26

65 <210> SEQ ID NO: 2

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67 <212> TYPE: DNA

68 <213> ORGANISM: Artificial sequence

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71 <223> OTHER INFORMATION: Description of artificial sequence: Primer

72 for detecting the amplification of the intergenic

73 region of the rpoBC operon of micro-organisms

75 <220> FEATURE:

76 <221> NAME/KEY: misc_feature

77 <222> LOCATION: (3)

78 <223> OTHER INFORMATION: n = a, g, c or t

80 <220> FEATURE:

81 <221> NAME/KEY: misc_feature

82 <222> LOCATION: (12)

83 <223> OTHER INFORMATION: n = a, g, c or t

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86 <221> NAME/KEY: misc_feature

87 <222> LOCATION: (15)

88 <223> OTHER INFORMATION: n = a, g, c or t

90 <220> FEATURE:

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92 <222> LOCATION: (18)

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97 <222> LOCATION: (21)

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110 <223> OTHER INFORMATION: Description of artificial sequence: Primer

111 for detecting the amplification of the intergenic

112 region of the rpoBC operon of micro-organisms

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115 <221> NAME/KEY: misc_feature

116 <222> LOCATION: (3)

117 <223> OTHER INFORMATION: n = a, g, c or t

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120 <221> NAME/KEY: misc_feature

121 <222> LOCATION: (12)

RAW SEQUENCE LISTING

DATE: 11/29/2004

PATENT APPLICATION: US/10/722,555

TIME: 13:01:07

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\11292004\J722555.raw

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125 <221> NAME/KEY: misc_feature

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132 <223> OTHER INFORMATION: n = a, g, c or t

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141 <212> TYPE: DNA

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144 <220> FEATURE:

145 <223> OTHER INFORMATION: Description of artificial sequence: Primer

146 for detecting the amplification of the intergenic

147 region of the rpoBC operon of micro-organisms

149 <220> FEATURE:

150 <221> NAME/KEY: misc_feature

151 <222> LOCATION: (3)

152 <223> OTHER INFORMATION: n = a, g, c or t

154 <220> FEATURE:

155 <221> NAME/KEY: misc_feature

156 <222> LOCATION: (12)

157 <223> OTHER INFORMATION: n = a, g, c or t

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160 <221> NAME/KEY: misc_feature

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162 <223> OTHER INFORMATION: n = a, g, c or t

164 <220> FEATURE:

165 <221> NAME/KEY: misc_feature

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176 <213> ORGANISM: Artificial sequence

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179 <223> OTHER INFORMATION: Description of artificial sequence: Primer

180 for detecting the amplification of the intergenic

181 region of the rpoBC operon of micro-organisms

183 <220> FEATURE:

184 <221> NAME/KEY: misc_feature

185 <222> LOCATION: (3)

186 <223> OTHER INFORMATION: n = a, g, c or t

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/722,555

DATE: 11/29/2004

TIME: 13:01:07

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\11292004\J722555.raw

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188 <220> FEATURE:
189 <221> NAME/KEY: misc_feature
190 <222> LOCATION: (15)
191 <223> OTHER INFORMATION: n = a, g, c or t
193 <220> FEATURE:
194 <221> NAME/KEY: misc_feature
195 <222> LOCATION: (18)
196 <223> OTHER INFORMATION: n = a, g, c or t
198 <220> FEATURE:
199 <221> NAME/KEY: misc_feature
200 <222> LOCATION: (21)
201 <223> OTHER INFORMATION: n = a, g, c or t
203 <400> SEQUENCE: 5
V--> 204 ggngayaara tggcnggnmg ncaygg 26
207 <210> SEQ ID NO: 6
208 <211> LENGTH: 26
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: Description of artificial sequence: Primer
214     for detecting the amplification of the intergenic
215     region of the rpoBC operon of micro-organisms
217 <220> FEATURE:
218 <221> NAME/KEY: misc_feature
219 <222> LOCATION: (3)
220 <223> OTHER INFORMATION: n = a, g, c or t
222 <220> FEATURE:
223 <221> NAME/KEY: misc_feature
224 <222> LOCATION: (15)
225 <223> OTHER INFORMATION: n = a, g, c or t
227 <220> FEATURE:
228 <221> NAME/KEY: misc_feature
229 <222> LOCATION: (18)
230 <223> OTHER INFORMATION: n = a, g, c or t
232 <220> FEATURE:
233 <221> NAME/KEY: misc_feature
234 <222> LOCATION: (21)
235 <223> OTHER INFORMATION: n = a, g, c or t
237 <400> SEQUENCE: 6
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243 <212> TYPE: DNA
244 <213> ORGANISM: Artificial sequence
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Description of artificial sequence: Primer
248     for detecting the amplification of the intergenic
249     region of the rpoBC operon of micro-organisms
251 <220> FEATURE:

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RAW SEQUENCE LISTING

DATE: 11/29/2004

PATENT APPLICATION: US/10/722,555

TIME: 13:01:07

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\11292004\J722555.raw

252 <221> NAME/KEY: misc_feature
 253 <222> LOCATION: (3)
 254 <223> OTHER INFORMATION: n = a, g, c or t
 256 <220> FEATURE:
 257 <221> NAME/KEY: misc_feature
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 259 <223> OTHER INFORMATION: n = a, g, c or t
 261 <220> FEATURE:
 262 <221> NAME/KEY: misc_feature
 263 <222> LOCATION: (21)
 264 <223> OTHER INFORMATION: n = a, g, c or t
 266 <400> SEQUENCE: 7

W--> 267 **ggngayaart tygcnagymg ncaygg** 26

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 278 region of the rpoBC operon of micro-organisms
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 281 <221> NAME/KEY: misc_feature
 282 <222> LOCATION: (3)
 283 <223> OTHER INFORMATION: n = a, g, c or t
 285 <220> FEATURE:
 286 <221> NAME/KEY: misc_feature
 287 <222> LOCATION: (15)
 288 <223> OTHER INFORMATION: n = a, g, c or t
 290 <220> FEATURE:
 291 <221> NAME/KEY: misc_feature
 292 <222> LOCATION: (18)
 293 <223> OTHER INFORMATION: n = a, g, c or t
 295 <220> FEATURE:
 296 <221> NAME/KEY: misc_feature
 297 <222> LOCATION: (21)
 298 <223> OTHER INFORMATION: n = a, g, c or t
 300 <400> SEQUENCE: 8

W--> 301 **ggngayaart tygcnacnmg ncaygg** 26

304 <210> SEQ ID NO: 9
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 306 <212> TYPE: DNA
 307 <213> ORGANISM: Artificial sequence
 309 <220> FEATURE:
 310 <223> OTHER INFORMATION: Description of artificial sequence: Primer
 311 for detecting the amplification of the intergenic
 312 region of the rpoBC operon of micro-organisms
 314 <220> FEATURE:
 315 <221> NAME/KEY: misc_feature

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/722,555

DATE: 11/29/2004
TIME: 13:01:08

Input Set : A:\pto.kd.txt
Output Set: N:\CRF4\11292004\J722555.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 3,12,15,18,21 ✓
Seq#:2; N Pos. 3,12,15,18,21 ✓
Seq#:3; N Pos. 3,12,15,21 ✓
Seq#:4; N Pos. 3,12,15,21 ✓
Seq#:5; N Pos. 3,15,18,21 ✓
Seq#:6; N Pos. 3,15,18,21 ✓
Seq#:7; N Pos. 3,15,21 ✓
Seq#:8; N Pos. 3,15,18,21 ✓
Seq#:9; N Pos. 6,18
Seq#:10; N Pos. 6,18
Seq#:11; N Pos. 6,18
Seq#:12; N Pos. 3,6,12,18
Seq#:13; N Pos. 3,6,12,18
Seq#:14; N Pos. 3,6,12,18
Seq#:15; N Pos. 3,6,7,9,12,18
Seq#:16; N Pos. 3,9,12,21,24
Seq#:17; N Pos. 3,9,12,21,24
Seq#:18; N Pos. 3,9,12,21,24
Seq#:19; N Pos. 3,9,12,21,24
Seq#:20; N Pos. 3,9,12,21,24
Seq#:21; N Pos. 3,9,12,21,24
Seq#:22; N Pos. 3,9,12,21,24
Seq#:23; N Pos. 3,9,12,21,24
Seq#:24; N Pos. 3,9,12,21,24
Seq#:25; N Pos. 3,9,12,21,24
Seq#:26; N Pos. 3,9,12,21,24
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Seq#:28; N Pos. 3,9,12,21,24
Seq#:29; N Pos. 3,9,12,21,24
Seq#:30; N Pos. 3,9,12,21,24
Seq#:31; N Pos. 3,9,12,21,24
Seq#:32; N Pos. 15
Seq#:33; N Pos. 2,3,6,9
Seq#:34; N Pos. 3,9,12,15,18,21,24,25
Seq#:35; N Pos. 3,9,12,15,18,21,24,25
Seq#:36; N Pos. 3,12,18,24
Seq#:37; N Pos. 3,21
Seq#:38; N Pos. 18,21
Seq#:39; N Pos. 3,9,12,15,18,21,24,25
Seq#:40; N Pos. 9,24
Seq#:41; N Pos. 1,3,6,9,12,15,18,21,24
Seq#:42; N Pos. 1,3,6,9,12,15,18,21,24
Seq#:43; N Pos. 1,3,6,9,12,15,18,21,24
Seq#:44; N Pos. 1,3,6,9,12,15,18,21,24

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/722,555

DATE: 11/29/2004
TIME: 13:01:08

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\11292004\J722555.raw

Seq#:45; N Pos. 1,3,9,10,12,15,18,21,24

Seq#:46; N Pos. 1,3,9,10,12,15,18,21,24

Seq#:47; N Pos. 9,14

Seq#:48; N Pos. 15,21,24

Seq#:49; N Pos. 3,5,10,12,15,21,24

Seq#:50; N Pos. 1,3,6,9,12,15,18,21,24

Seq#:51; N Pos. 1,3,6,9,12,15,18,21,24

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/722,555

DATE: 11/29/2004

TIME: 13:01:08

Input Set : A:\pto.kd.txt

Output Set: N:\CRF4\11292004\J722555.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:62 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:204 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:325 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:373 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:407 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:441 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:475 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:554 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:593 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:632 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:671 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:710 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:788 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:827 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:905 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:944 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:983 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:1022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:1061 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:1100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:1139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:1158 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
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L:1283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:1317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:1341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:1365 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
L:1413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
L:1437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
L:1553 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
L:1611 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
L:1668 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
L:1721 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
L:1774 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0



IFWO

RAW SEQUENCE LISTING

DATE: 11/22/2004

PATENT APPLICATION: US/10/722,555

TIME: 12:30:35

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\11222004\J722555.raw

deleted

3 <110> APPLICANT: ROMOND, Pierre-Charles
W--> 5 <110> APPLICANT: RENAUD, Michel
W--> 7 <110> APPLICANT: ALRIC, Monique
W--> 9 <110> APPLICANT: MEINIEL, Olivier
W--> 11 <110> APPLICANT: BALLUT, Lionel

13 <120> TITLE OF INVENTION: METHOD FOR DETECTING MICRO-ORGANISMS
15 <130> FILE REFERENCE: 344 292 - US

C--> 17 <140> CURRENT APPLICATION NUMBER: US/10/722,555
C--> 17 <141> CURRENT FILING DATE: 2003-11-28
17 <150> PRIOR APPLICATION NUMBER: PCT/FR 01/02 371
18 <151> PRIOR FILING DATE: 2001-07-20
20 <150> PRIOR APPLICATION NUMBER: FR 00/09 600
21 <151> PRIOR FILING DATE: 2000-07-21
23 <150> PRIOR APPLICATION NUMBER: FR 00/12 524
24 <151> PRIOR FILING DATE: 2000-10-02
26 <160> NUMBER OF SEQ ID NOS: 189
28 <170> SOFTWARE: PatentIn Ver. 2.1

ok

Does Not Comply
Corrected Diskette Needed
(pg. 1-2)

ERRORED SEQUENCES

3294 <210> SEQ ID NO: 139
3295 <211> LENGTH: 26
3296 <212> TYPE: DNA
3297 <213> ORGANISM: Artificial sequence
3299 <220> FEATURE:
3300 <223> OTHER INFORMATION: Primer
3302 <220> FEATURE:
3303 <221> NAME/KEY: misc_feature
3304 <222> LOCATION: (6)..(7)
3305 <223> OTHER INFORMATION: n = a, g, c or t/u
3307 <220> FEATURE:
3308 <221> NAME/KEY: misc_feature
3309 <222> LOCATION: (9)
3310 <223> OTHER INFORMATION: n = a, g, c or t/u
3312 <220> FEATURE:
3313 <221> NAME/KEY: misc_feature
3314 <222> LOCATION: (12)
3315 <223> OTHER INFORMATION: n = a, g, c or t/u
3317 <220> FEATURE:
3318 <221> NAME/KEY: misc_feature
3319 <222> LOCATION: (18)
3320 <223> OTHER INFORMATION: n = a, g, c or t/u

RAW SEQUENCE LISTING

DATE: 11/22/2004

PATENT APPLICATION: US/10/722,555

TIME: 12:30:35

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\11222004\J722555.raw

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3323 <221> NAME/KEY: misc_feature
3324 <222> LOCATION: (21)
3325 <223> OTHER INFORMATION: n = a, g, c or t/u
3327 <220> FEATURE:
3328 <221> NAME/KEY: misc_feature
3329 <222> LOCATION: (24)
3330 <223> OTHER INFORMATION: n = a, g, c or t/u <400> 139
3331 marccnntng gngaymgngt natngt 26
~~E--> 3334 <400> SEQUENCE:~~
~~E--> 3334~~
~~E--> 3334 <210> SEQ ID NO: 189~~
3866 <210> SEQ ID NO: 189
3867 <211> LENGTH: 120
3868 <212> TYPE: DNA
3869 <213> ORGANISM: Aquifex aeolicus
3871 <400> SEQUENCE: 189
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3873 gaagattatt caagcttaat aggaggtgag gtgagatggc agcaaaggca attatctaca 120
E--> 3880 3
E--> 3882 1

Handwritten notes:
- "moved to next line" with an arrow pointing to the circled "<400> 139".
- "Inserted Indentation" with an arrow pointing to the line "3872 gtagagattg...".
- "deleted" written over the lines "E--> 3880 3" and "E--> 3882 1".

VERIFICATION SUMMARY

DATE: 11/22/2004

PATENT APPLICATION: US/10/722,555

TIME: 12:30:36

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\11222004\J722555.raw

L:5 M:280 W: Numeric Identifier already exists, <110> found multiple times
L:7 M:280 W: Numeric Identifier already exists, <110> found multiple times
L:9 M:280 W: Numeric Identifier already exists, <110> found multiple times
L:11 M:280 W: Numeric Identifier already exists, <110> found multiple times
L:17 M:270 C: Current Application Number differs, Replaced Current Application No
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:66 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:208 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:271 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:305 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:329 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:377 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:445 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:519 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:558 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:597 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:636 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:675 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:714 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:753 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:792 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:870 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:909 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:948 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:987 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
L:1026 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0
L:1065 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29 after pos.:0
L:1104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:1143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
L:1162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
L:1191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
L:1239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0
L:1287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
L:1321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36 after pos.:0
L:1345 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
L:1369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
L:1417 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
L:1441 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
L:1499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
L:1557 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0

VERIFICATION SUMMARY

DATE: 11/22/2004

PATENT APPLICATION: US/10/722,555

TIME: 12:30:36

Input Set : A:\PTO.FG.txt

Output Set: N:\CRF4\11222004\J722555.raw

L:1615 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
L:1672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
L:1725 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
L:1778 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:0
L:1801 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:0
L:1829 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0
L:1877 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:0
L:1936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0
L:3334 M:200 E: Mandatory Header Field missing, <400> is required.
L:3334 M:301 E: (44) No Sequence Data was Shown, SEQ ID:139
L:3334 M:252 E: No. of Seq. differs, <211> LENGTH:Input:26 Found:0 SEQ:139
L:3334 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQ ID NO:140
L:3880 M:254 E: No. of Bases conflict, this line has no nucleotides.
M:254 Repeated in SeqNo=189
L:26 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (189) Counted (188)



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No.	Doccode	Number of pages
1	CRFE	8

Total number of pages: 8

Remarks:

Order of re-scan issued on